



PATENT  
2001-1158

**IN THE U.S. PATENT AND TRADEMARK OFFICE**

In re application of

Johan MEMELINK et al.

Conf. 7997

Application No. 09/890,782

Group 1638

Filed May 10, 2002

Examiner C. Collins

METHOD OF MODULATING METABOLITE  
BIOSYNTHESIS IN RECOMBINANT CELLS

**RESPONSE**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

January 21, 2005

Sir:

This responds to the Official Action mailed October 21,  
2004.

**Remarks** begin on page 2 of this paper.